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ASH GROVE CEMENT WEST, INC.

SEATTLE, WA 98134  
INTER-OFFICE MEMORANDUM

Date: August 17, 1990

To: Dick Cooke

From: Nate Fernow

Copies to: Steve Rinella, SM&G

Subject: Klein Consulting report.  
Seattle Stormwater Study

Ken Rone

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Please note our comments on specific items in the Klein Consulting report of July 30, 1990. Note all references to elevation are to Mean Sea Level (MSL).

General: The city of Seattle has authority over the Shoreline use but not the subsurface or surface discharges to state waters. WA DOE covers all discharges "wastewater" or just stormwater.

Page 1, 4th Paragraph, 2nd Sentence: The truck wash area drainage is the only area that has a sediment decant basin.

Page 2, 1st Line: Tidal influence is minimal to the pond level while ground water level is significant.

Page 2, Last Paragraph: The truck wash area stormwater as well as wash water collects in the sump to be plumbed to the batch plant. Currently they cant even use their own flow in the winter. Are we assuming they will dispose of their flow plus ours?

Page 3, 1st Par., 4th Sent.: See comments for Page 2, 1st Line. The pond level will stabilize at about +3.5 feet in the summer and +4.5 to +5.0 feet in the winter when there is a period of little or no inflow.

Page 5, Table 1: The 10-year Storm containment requirement listed is about 3000 cu.ft. less than a 2-year storm event and HALF a 25-year storm event as calculated by Meriweather, Leachman Associates. This report was prepared in November 1989 for our WA DOE discharge permit application / renewal.

Also note that the volume is different from the Existing Configuration table and the Proposed Configuration table.

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The pond bottom elevation is -6 foot but there will be no percolation below the "normal" pond water elevation. The maximum surface water elevation should not be greater than 10 foot to avoid flooding east of the finish mill building. This reduces the vertical component of the containment to not more than 6.5 feet.

Page 11, 5th Par.: The City (METRO) would gladly continue to assess us the \$8000 per year we currently pay for maintaining the stormwater system that we don't use.

There is now in place a float system that indicates the pond water level in MSL. This water level will be recorded with the normal log items kept with the pH control records.